Intern: Application No PCT/1D 03/05370

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 G11B7/24 B41J2/475 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 **G11B** Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. US 5 200 947 A (SATAKE TOSHIMI ET AL) X 1-4,6-9 6 April 1993 (1993-04-06) column 3, line 34 - column 5, line 46 column 7, lines 1-15 Y column 14, lines 5-28; figure 1 US 4 957 851 A (MATSUDA HIROSHI Х 1,2,8 18 September 1990 (1990-09-18) column 5, line 53 - column 6, line 22; γ figures 1A,1B X US 5 049 428 A (KANNO TOSHIYUKI ET AL) 1-3,6-8 17 September 1991 (1991-09-17) column 2, lines 33-58 column 3, lines 19-30 column 6, line 63 - column 9, line 27: figure 7; example 5 Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report : 0 7, 05, **04** 9 February 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Stemmer, M Fax: (+31-70) 340-3016

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	ation) DOCUMENTS CONSIDERED TO BE RELEVANT			
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Х	US 4 860 273 A (SAWANO MITSURU ET AL) 22 August 1989 (1989-08-22) column 2, line 28 - column 3, line 33 column 5, lines 13-15; figure 5	1		
X	PATENT ABSTRACTS OF JAPAN vol. 1995, no. 01, 28 February 1995 (1995-02-28) & JP 06 282868 A (FUJI XEROX CO LTD), 7 October 1994 (1994-10-07) abstract	1		
X	PATENT ABSTRACTS OF JAPAN vol. 010, no. 331 (M-533), 11 November 1986 (1986-11-11) & JP 61 134294 A (HITACHI LTD), 21 June 1986 (1986-06-21) abstract	1		
х	PATENT ABSTRACTS OF JAPAN vol. 010, no. 229 (P-485), 8 August 1986 (1986-08-08) & JP 61 063940 A (HITACHI LTD), 2 April 1986 (1986-04-02) abstract	1		
X	PATENT ABSTRACTS OF JAPAN vol. 007, no. 207 (M-242), 13 September 1983 (1983-09-13) & JP 58 104794 A (HITACHI SEISAKUSHO KK), 22 June 1983 (1983-06-22) abstract	1		
Α .	EP 0 452 586 A (TORAY INDUSTRIES) 23 October 1991 (1991-10-23) page 4, line 57 - page 5, column 18	1		

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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)							
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:							
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:							
Claims Nos.:     because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:							
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).							
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)							
This International Searching Authority found multiple inventions in this international application, as follows:							
see additional sheet							
As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.							
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.							
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:							
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:  1-19							
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.							

# FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9

recording stack composition

2. claims: 10,11

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ition on patent family members

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